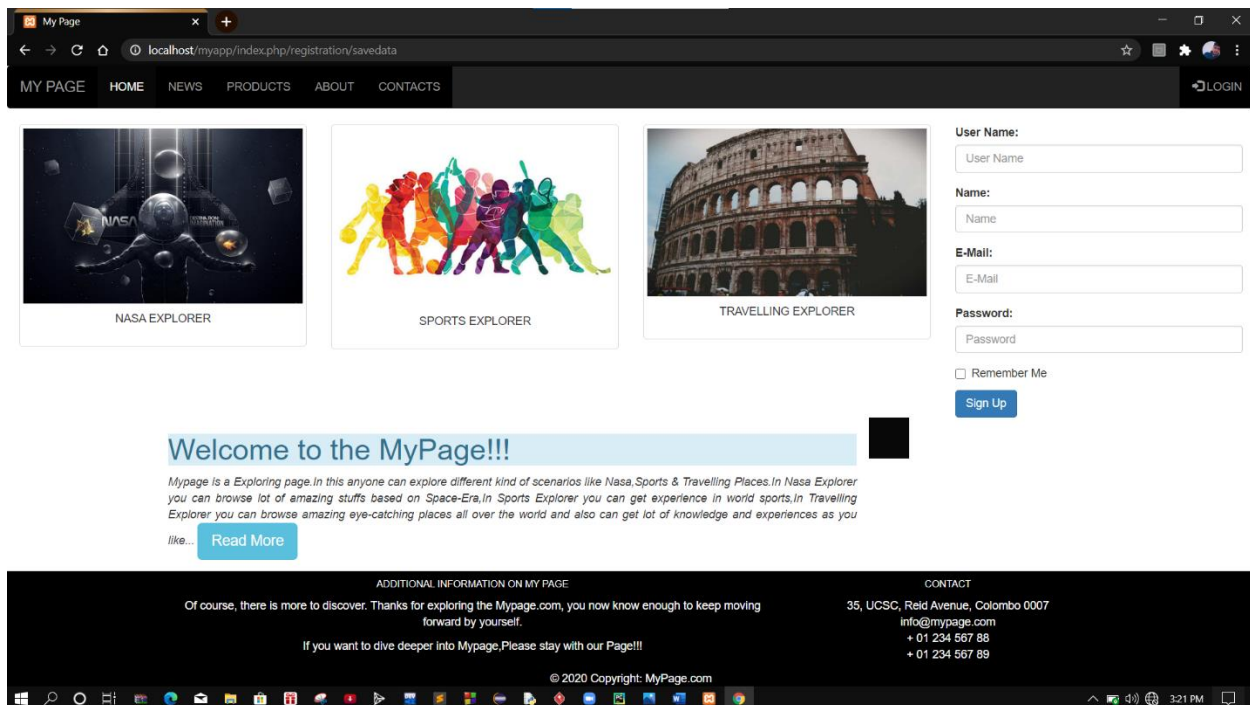


## Develop a Simple Application Based on Code-igniter & Bootstrap

### *View & Create:*

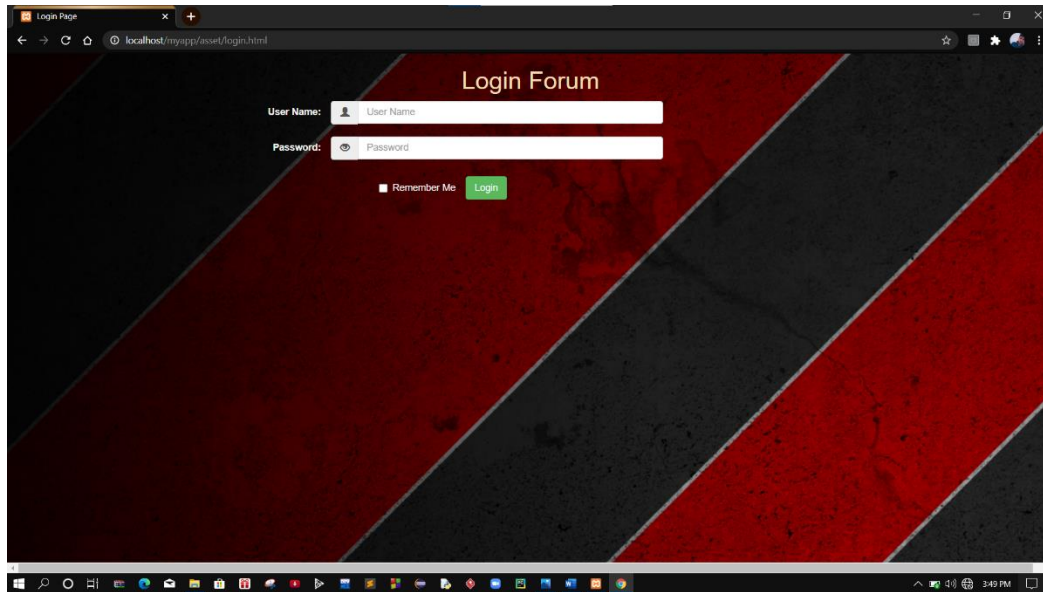


This is the Home page that I created using Bootstrap. Using bootstrap firstly I added a navigation bar to the home page. In navigation bar there is a login link that redirect to the login forum, for new users there is sign-up form, creates a new account for the user. In registration form I basically used bootstrap class to align the form to the right- hand side, grouping the form, check box creation and also for the sign-up button.

In Bootstrap, grid system is the most important asset that I see. So using bootstrap 12-grid system, we can create our web page more dynamically. Specially as a mobile responsive application for any kind of device likes extra-small, small, medium and large screens also.

In the content of the webpage I added a thumbnail using bootstrap and they are linking to the other standard sites also. And I added a moving object to the page using css web-kit-animation also. Finally there is the footer of the web page, it also create using bootstrap classes.

With only using CSS, HTML and Java-script we cannot create a mobile responsive application. Bootstrap full-fill not only this, there are various functionalities and classes are providing by it, to create a web page easily and attractively.



In login forum I added “glyphicon” icons to the text boxes using bootstrap classes. And used other stuffs also to the page. So in bootstrap it basically creates the out-line of the webpage. But when connecting this site to the server-side scripting, Code-igniter is very useful for this. We can easily connect our page to the database.

Code-igniter builds on the MVC architecture. Actually form is kind of a view to the user. After user entered the details, they must saved on a particular database, and we should have the ability to retrieve the data, update the entered data, deleting records so on.

### ***Retrieve:***

localhost/myapp/index.php/registration/displaydata						
ID	User Name	Name	Email	Password		
1	admin	admin	admin@123	admin@123	Delete	Update
2	student	student	student@123	student@123	Delete	Update
5	professor	professor	professor@123	professor@123	Delete	Update
6	lecturer	lecturer	lecturer@123	lecturer@123	Delete	Update
7	instructor	instructor	instructor@123	instructor@123	Delete	Update
8	director	director	director@123	director@123	Delete	Update
9	coordinator	coordinator	coordinator@123	coordinator@123	Delete	Update
10	staff	staff	staff@123	staff@123	Delete	Update

These are sample records that saved in the database after inserting data using the home page form. So we can see all the details that entered by a particular user.

**Delete:**

localhost/myapp/index.php/registration/displaydata

ID	User Name	Name	Email	Password		
1	admin	admin	admin@123	admin@123	Delete	Update
2	student	student	student@123	student@123	Delete	Update
5	professor	professor	professor@123	professor@123	Delete	Update
6	lecturer	lecturer	lecturer@123	lecturer@123	Delete	Update
7	instructor	instructor	instructor@123	instructor@123	Delete	Update
8	director	director	director@123	director@123	Delete	Update
10	staff	staff	staff@123	staff@123	Delete	Update

This is a scenario after deleting a particular record from the table. (after removing 9<sup>th</sup> record from table). When press delete button it passes the particular ID to the controller and controller passes that ID to the model which represent as database. Then remove that record from the database.

**Update:**

localhost/myapp/index.php/registration/updatedata?id=1

**User Name:**

**Name:**

**E-Mail:**

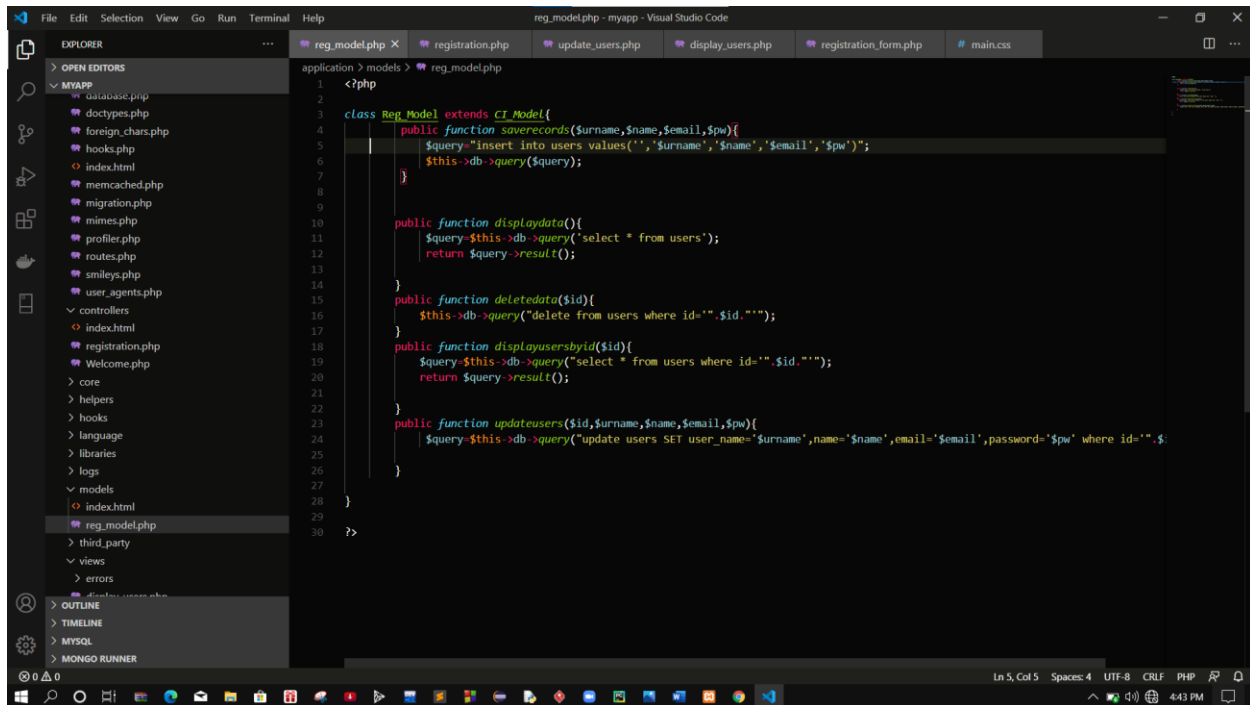
**Password:**

**Update Records**

When press update button on a particular record field, it re-direct to another page. In that page there is a forum that display existing details that already stored in the

database. If we want to modify any field we can modify and update the records. So that records are go through the controller to the model and these records are updated in the database. Then re-direct to the previous table.

### Model:

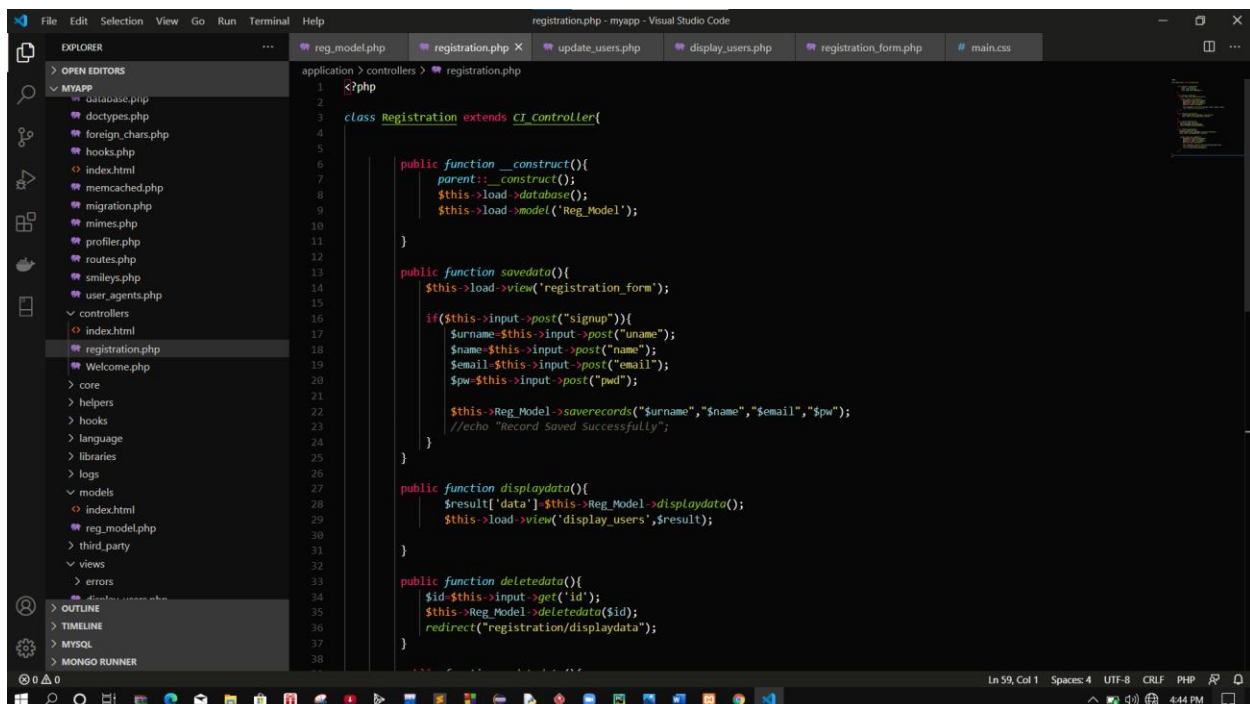


```

1 <?php
2
3 class Reg_Model extends CI_Model{
4     public function saverecords($surname,$name,$email,$pw){
5         $query="insert into users values('','$surname','$name','$email','$pw')";
6         $this->db->query($query);
7     }
8
9
10    public function displaydata(){
11        $query=$this->db->query("select * from users");
12        return $query->result();
13    }
14
15    public function deletedata($id){
16        $this->db->query("delete from users where id='".$id."'");
17    }
18
19    public function displayusersbyid($id){
20        $query=$this->db->query("select * from users where id='".$id."'");
21        return $query->result();
22    }
23
24    public function updateusers($id,$surname,$name,$email,$pw){
25        $query=$this->db->query("update users SET user_name='".$surname."',name='".$name."',email='".$email."',password='".$pw"' where id='".$id."'");
26    }
27
28 }
29
30

```

### Controller:



```

1 <?php
2
3 class Registration extends CI_Controller{
4
5     public function __construct(){
6         parent::__construct();
7         $this->load->database();
8         $this->load->model('Reg_Model');
9     }
10
11
12    public function savedata(){
13        $this->load->view('registration_form');
14
15        if($this->input->post("signup")){
16            $surname=$this->input->post("unname");
17            $name=$this->input->post("name");
18            $email=$this->input->post("email");
19            $pw=$this->input->post("pwd");
20
21            $this->Reg_Model->saverecords("$surname","$name","$email","$pw");
22            //echo "Record Saved Successfully";
23        }
24    }
25
26    public function displaydata(){
27        $result['data']=$this->Reg_Model->displaydata();
28        $this->load->view('display_users',$result);
29    }
30
31
32    public function deletedata(){
33        $id=$this->input->get('id');
34        $this->Reg_Model->deletedata($id);
35        redirect("registration/displaydata");
36    }
37
38 }

```

**View:**

```

1 <DOCTYPE html>
2 <html lang="en">
3 <head>
4 <title>My Page</title>
5 <meta charset="UTF-8">
6 <meta name="viewport" content="width=device-width, initial-scale=1.0">
7 <link rel="stylesheet" type="text/css" href="http://localhost/myapp/asset/bootstrap-3.3.7-dist/css/bootstrap.css">
8 <link rel="stylesheet" type="text/css" href="http://localhost/myapp/asset/bootstrap-3.3.7-dist/css/main.css">
9 </head>
10 <body>
11 <div class="container-fluid">
12 <div class="navbar-inverse">
13 <div class="navbar-header">
14 <a class="navbar-brand" href="#">My Page</a>
15 </div>
16 <ul class="nav navbar-nav">
17 <li class="active"><a href="#">Home</a></li>
18 <li><a href="#">Products</a></li>
19 <li><a href="#">About</a></li>
20 <li><a href="#">Contacts</a></li>
21 </ul>
22 <div class="nav navbar-nav navbar-right">
23 <a href="http://localhost/myapp/asset/login.html"><span class="glyphicon glyphicon-log-in"></span> Login</a></li>
24 </div>
25 </div>
26 <div class="container-fluid">
27 <div class="row">
28 <div class="col-xs-3">
29 <div class="thumbnail">
30 <a href="https://www.nasa.gov/">
31 
32 <div class="caption">
33 <p>NASA Explorer</p>
34 </div>
35 </a>
36 </div>
37 </div>
38 </div>
39 </div>
40 </div>
41 </div>
42 </div>
43 </div>
44 </div>
45 </div>
46 </div>
47 </div>

```

**Database Report:**

users.pdf

File | C:/Users/User/Downloads/users.pdf

Database: myapp, Table: users, Purpose: Dumping data

id	user name	name	email	password
1	admin	admin	admin@123	admin@123
2	student	student	student@123	student@123
5	professor	professor	professor@123	professor@123
6	lecturer	lecturer	lecturer@123	lecturer@123
7	instructor	instructor	instructor@123	instructor@123
8	director	director	director@123	director@123
10	staff	staff	staff@123	staff@123

***END***